

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1813	382/154,285.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 23:17
S2	5755	345/419-427.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 23:17
S3	171	356/12-14.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 23:17
S4	1862	348/42-60.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 23:18
S5	2090	359/462-477.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 23:18
S6	10654	S1 S2 S3 S4 S5	US-PGPUB; USPAT	OR	ON	2007/02/15 23:18
S7	2	S6 and ((two near2 dimension\$4) near5 model near5 reference near5 point)	US-PGPUB; USPAT	OR	ON	2007/02/15 23:20
S8	13	S6 and ((two near2 dimension\$4) near5 model near5 reference)	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S9	1	"6721444".pn.	US-PGPUB; USPAT	OR	ON	2007/02/16 11:28
S10	1	"7171041".pn.	US-PGPUB; USPAT	OR	ON	2007/02/16 11:44
S11	1	"6970802".pn.	US-PGPUB; USPAT	OR	ON	2007/02/16 11:44
S12	1813	382/154,285.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S13	5755	345/419-427.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S14	171	356/12-14.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S15	1862	348/42-60.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S16	2090	359/462-477.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S17	10654	S12 S13 S14 S15 S16	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S18	640	S17 and ((two near2 dimension\$4) near5 model)	US-PGPUB; USPAT	OR	ON	2007/02/16 15:13
S19	81	S17 and (((two near2 dimension\$4) near5 model) same referenc\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 15:14
S20	907	S17 and ((two near2 dimension\$4) near5 (model referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:16

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S21	512	S17 and ((two near2 dimension\$4) near2 (model referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:18
S22	38	S17 and (((two near2 dimension\$4) near2 (model referenc\$4)) same (point near5 referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:19
S23	38	S17 and (((two near2 dimension\$4) near2 (model templat\$4 referenc\$4)) same (point near5 referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:19
S24	39	S17 and (((two near2 dimension\$4) near2 (model\$5 templat\$4 referenc\$4)) same (point near5 referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:21
S25	55	S17 and (((two near2 dimension\$4) 2D) near2 (model\$5 templat\$4 referenc\$4)) same (point near5 referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:35
S26	70	S17 and (((two near2 dimension\$4) 2D) near5 (map\$6 model\$5 templat\$4 referenc\$4)) near5 (point near5 referenc\$4))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:37
S27	506	S17 and (((two near2 dimension\$4) 2D) near5 (map\$6 model\$5 templat\$4 referenc\$4)) near5 (point coordinate))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:54
S28	138	S27 and stereo\$9	US-PGPUB; USPAT	OR	ON	2007/02/16 15:48
S29	6	S17 and (((two near2 dimension\$4) 2D) near5 (models) near5 (reference) near5 (point coordinate))	US-PGPUB; USPAT	OR	ON	2007/02/16 15:52
S30	1	S17 and (((two near2 dimension\$4) 2D) near5 (map\$6 model\$5 templat\$4 referenc\$4)) near5 (point coordinate) near5 (teach\$4 taught))	US-PGPUB; USPAT	OR	ON	2007/02/16 16:16
S31	3	S17 and (((two near2 dimension\$4) 2D) near5 (map\$6 model\$5 templat\$4 referenc\$4)) near5 (point coordinate)) same (teach\$4 taught))	US-PGPUB; USPAT	OR	ON	2007/02/16 16:03
S32	181	S17 and (((two near2 dimension\$4) 2D) near5 (model\$5) near5 (point coordinate))	US-PGPUB; USPAT	OR	ON	2007/02/16 16:21

Day : Friday
Date: 2/16/2007


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Time: 11:10:14

Inventor Name Search Result

Your Search was:

Last Name = BAN

First Name = KAZUNORI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08564221</u>	Not Issued	161	12/15/1995	INDUSTRIAL ROBOT APPARATUS AND A WORK EXECUTING METHOD USING THE SAME	BAN, KAZUNORI
<u>09091730</u>	6141863	150	06/24/1998	FORCE-CONTROLLED ROBOT SYSTEM WITH VISUAL SENSOR FOR PERFORMING FITTING OPERATION	BAN, KAZUNORI
<u>09117140</u>	6463358	150	01/07/1999	ROBOT CONTROL DEVICE HAVING OPERATION ROUTE SIMULATION FUNCTION	BAN, KAZUNORI
<u>09253719</u>	6382012	150	02/22/1999	METHOD FOR CALIBRATING FORCE SENSOR MOUNTED ON ROBOT, AND ROBOT	BAN, KAZUNORI
<u>09295364</u>	6328523	150	04/21/1999	ARTICLE PICKING-UP APPARATUS	BAN, KAZUNORI
<u>09950794</u>	7171041 ✓	150	09/13/2001	POSITION-ORIENTATION RECOGNITION DEVICE	BAN, KAZUNORI
<u>10001991</u>	6763284	150	12/05/2001	ROBOT TEACHING APPARATUS	BAN, KAZUNORI
<u>10140998</u>	Not Issued	95	05/09/2002	VISUAL SENSOR FOR CAPTURING IMAGES WITH DIFFERENT EXPOSURE PERIODS	BAN, KAZUNORI
<u>10193172</u>	6665588	150	07/12/2002	WORKPIECE UNLOADING APPARATUS	BAN, KAZUNORI
<u>10603747</u>	6845296	150	06/26/2003	OBJECT TAKING OUT APPARATUS	BAN, KAZUNORI
<u>10648192</u> ✓	Not Issued	30	08/27/2003	Device for detecting position/orientation of object	BAN, KAZUNORI
<u>10685498</u> ✓	Not Issued	40	10/16/2003	Three-dimensional visual sensor	BAN, KAZUNORI

<u>10689721</u> ✓	Not Issued	30	10/22/2003	Three-dimensional visual sensor	BAN, KAZUNORI
<u>10692801</u>	Not Issued	71	10/27/2003	Object conveying system and conveying method	BAN, KAZUNORI
<u>10701596</u>	<u>7123992</u>	150	11/06/2003	ARTICLE PICKUP DEVICE	BAN, KAZUNORI
<u>10733308</u>	Not Issued	100	12/12/2003	WORKPIECE TAKING-OUT APPARATUS	BAN, KAZUNORI
<u>10740567</u>	<u>6970802</u> ✓	150	12/22/2003	THREE-DIMENSIONAL MEASURING DEVICE	BAN, KAZUNORI
<u>10780757</u>	Not Issued	30	02/19/2004	Workpiece conveying apparatus	BAN, KAZUNORI
<u>10930850</u>	Not Issued	30	09/01/2004	Robot and robot operating method	BAN, KAZUNORI
<u>10952101</u>	Not Issued	30	09/29/2004	Robot system	BAN, KAZUNORI
<u>10959455</u>	Not Issued	161	10/07/2004	Robotic physical distribution tracking system	BAN, KAZUNORI
<u>10989432</u>	Not Issued	30	11/17/2004	Teaching position correcting device	BAN, KAZUNORI
<u>11034724</u>	Not Issued	30	01/14/2005	Measuring system	BAN, KAZUNORI
<u>11037330</u> ✓	Not Issued	93	01/19/2005	THREE-DIMENSIONAL VISUAL SENSOR	BAN, KAZUNORI
<u>11073681</u>	Not Issued	71	03/08/2005	Measuring system	BAN, KAZUNORI
<u>11100486</u>	<u>7161321</u>	150	04/07/2005	MEASURING SYSTEM	BAN, KAZUNORI
<u>11111722</u>	Not Issued	30	04/22/2005	Object picking system	BAN, KAZUNORI
<u>11142496</u>	Not Issued	30	06/02/2005	Robot system	BAN, KAZUNORI
<u>11190946</u>	Not Issued	41	07/28/2005	Method of and device for re- calibrating three-dimensional visual sensor in robot system	BAN, KAZUNORI
<u>11204225</u>	Not Issued	30	08/16/2005	Finishing machine	BAN, KAZUNORI
<u>11239672</u>	Not Issued	30	09/30/2005	Robot program generating device and robot program analyzing device	BAN, KAZUNORI
<u>11245012</u>	Not Issued	30	10/07/2005	Gripping type hand	BAN, KAZUNORI
<u>11365601</u>	Not	30	03/02/2006	Hand and handling robot	BAN, KAZUNORI

Day : Friday
Date: 2/16/2007


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Time: 11:10:34

Inventor Name Search Result

Your Search was:

Last Name = KANNO

First Name = ICHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08446299	5646493	150	05/22/1995	ROBOT PROFILE CONTROL METHOD	KANNO, ICHIRO
08518689	5719479	150	08/24/1995	COLLISION DETECTING METHOD	KANNO, ICHIRO
10140999	6597971	150	05/09/2002	DEVICE FOR AVOIDING INTERFERENCE	KANNO, ICHIRO
10193172	6665588	150	07/12/2002	WORKPIECE UNLOADING APPARATUS	KANNO, ICHIRO
10603747	6845296	150	06/26/2003	OBJECT TAKING OUT APPARATUS	KANNO, ICHIRO
10648192 ✓	Not Issued	30	08/27/2003	Device for detecting position/orientation of object	KANNO, ICHIRO
10685498 ✓	Not Issued	40	10/16/2003	Three-dimensional visual sensor	KANNO, ICHIRO
10689721 ✓	Not Issued	30	10/22/2003	Three-dimensional visual sensor	KANNO, ICHIRO
10701596	7123992	150	11/06/2003	ARTICLE PICKUP DEVICE	KANNO, ICHIRO
10733308	Not Issued	100	12/12/2003	WORKPIECE TAKING-OUT APPARATUS	KANNO, ICHIRO
10740567	6970802 ✓	150	12/22/2003	THREE-DIMENSIONAL MEASURING DEVICE	KANNO, ICHIRO
10780757	Not Issued	30	02/19/2004	Workpiece conveying apparatus	KANNO, ICHIRO
10952101	Not Issued	30	09/29/2004	Robot system	KANNO, ICHIRO
11037330 ✓	Not Issued	93	01/19/2005	THREE-DIMENSIONAL VISUAL SENSOR	KANNO, ICHIRO
11073681	Not Issued	71	03/08/2005	Measuring system	KANNO, ICHIRO
11111722	Not	30	04/22/2005	Object picking system	KANNO, ICHIRO

	Issued				
<u>11142496</u>	Not Issued	30	06/02/2005	Robot system	KANNO, ICHIRO
<u>11190946</u> ✓	Not Issued	41	07/28/2005	Method of and device for re-calibrating three-dimensional visual sensor in robot system	KANNO, ICHIRO
<u>11239672</u>	Not Issued	30	09/30/2005	Robot program generating device and robot program analyzing device	KANNO, ICHIRO

Inventor Search Completed: No Records to Display.

Search Another: Inventor

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